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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/928,364	08/14/2001	Chris Royal Corrie	1330.1101	6427
21171 7590 11/02/2007 STAAS & HALSEY LLP SUITE 700 1201 NEW YORK AVENUE, N.W. WASHINGTON, DC 20005			EXAMINER AKINTOLA, OLABODE	
			ART UNIT 3691	PAPER NUMBER
			MAIL DATE 11/02/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.



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21171 7390 11/17/2006

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1201 NEW YORK AVENUE, N.W.  
WASHINGTON, DC 20005

EXAMINER

AKINTOLA, OLABODE

ART UNIT PAPER NUMBER

3691

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Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/928,364	CORRIE ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Olabode Akintola	3691	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 October 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 15-18, 21-29, 33-35, 40 and 41 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 15-18, 21-29, 33-35, 40 and 41 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>08/14/2007</u> .  | 6) <input type="checkbox"/> Other: _____                          |

**DETAILED ACTION**

Applicant's election without traverse of invention II (claims 15-18, 21-29, 33-35, 40-41) in the reply filed on 10/10/2006 is acknowledged.

***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 15-18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In particular, claim 15 recites in the preamble "a system", the body of the claim does not contain any limitations indicating the structure of the system. A system or an apparatus claim should always claim the structure or the hardware that performs the function. Applicant's claimed limitations consist of process steps that do not describe the structure of the system. Appropriate correction is required.

***Claim Rejections - 35 USC § 101***

35 U.S.C. § 101 reads as follows:

"Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title".

Claims 15-18 are rejected under 35 U.S.C. § 101 because the claimed invention is directed to non-statutory subject matter.

35 USC 101 requires that in order to be patentable the invention must be a "new and useful process, machine, manufacture, *or* composition of matter, *or* any new and useful improvement thereof" (emphasis added). Applicant's claims mentioned above are intended to embrace or overlap *two* different statutory classes of invention as set forth in 35 USC 101. The claims begin by discussing a system (ex. preamble of claim 15), the body of the claim discusses the specifics of a process of receiving grant initiative (see above rejection of claims under 35 USC 112, second paragraph, for specific details regarding this issue). "A claim of this type is precluded by the express language of 35 USC 101 which is drafted so as to set forth the statutory classes of invention in the alternative only", Ex parte Lyell (17 USPQ2d 1548).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 15-16, 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Patient Wait ("Emerging grants management market about to open up" & "Setting up a grant management system", 11/20/00) (hereinafter referred to as Wait) in view of Hotchkiss et al (USPAP 20010042088) (hereinafter referred to as Hotchkiss), further in view of Kurzius et al (USPN 6385620) (hereinafter referred to as Kurzius) and further in view of Prezioso (USPN 5724488) (hereinafter referred to as Prezioso).

Re claims 15-16, 18, 28: Wait teaches a system, comprising: a web-based portal; a grants management system receiving a grant initiative from a granting agency via the web-based portal, receiving a grant initiative application from an applicant via one of fax, thin client, in-person, and telephone and entering the grant initiative application via the web-based portal; a financial management system managing financial information of the grant initiative; and an integration unit facilitating transmission and messaging between the grants management system and the financial management system to dynamically manage grant initiative transactions and financial transactions associated with a life-cycle of the grant initiative by automatically triggering events comprising an initiative setup process, a pre-application and an application process, a reviewer assignment process, a review and ranking process, a grant initiative selection process, a requests of grants financial activities process, an information transfer process, and a financial close out process, with the life-cycle comprising pre-application, grant publication, application intake,

application review or assessment, grant award, grant administration, and grant closeout (paragraphs 9, 18, 24-32).

Wait does not explicitly teach dynamically selecting a reviewer that is best qualified to review the application according to the grant initiative from the granting agency and to generate a score, dynamically evaluating the grant initiative application using customizable decision rule data structures and generating a score, combining the scores from the reviewer and the grants management system to create a composite score to determine an application to award the grant initiative. Hotchkiss teaches dynamically selecting a reviewer that is best qualified to review the application according to the grant initiative from the granting agency and to generate a score (paragraphs 0037-0040). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Wait to include this step as taught by Hotchkiss in order to route applications to appropriate reviewer. Kurzius teaches dynamically evaluating the application using customizable decision rule data structures and generating a score (col. 15, lines 8-32). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Wait to include this step as taught by Kurzius in order to rank applicants according user defined criteria. Prezioso teaches combining the scores to create a composite score (col. 16, lines 50-55, Fig. 10). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Wait to include this step as taught by Prezioso in order to ensure that the applicant with the highest combination of scores is awarded the grant initiative.

Claims 17, 21-27, 29,33-35 and 40-41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wait in view of Hotchkiss in view of Kurzius in view of Prezioso as applied in claim 15

above, and further in view of Shaheen et al (USPN 5434994) (hereinafter referred to as Shaheen).

Re claims 17, 21-27, 29,33-35 and 40-41: Wait does not explicitly teach wherein the integration unit triggers updates to the financial management system whenever an activity in the grants management system has financial significance. Shaheen teaches event-triggered updates (col. 5, lines 62-63). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Wait to include this step as taught by Shaheen in order to update the financial system due to event changes in the management system.

#### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olabode Akintola whose telephone number is 571-272-3629. The examiner can normally be reached on M-F 8:30AM -5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alexander Kalinowski can be reached on 571-272-6771. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

OA



HANI M. KAZIMI  
PRIMARY EXAMINER